

Applicants

: Patrick M. Martin, Matthew Lassiter, Darren Taylor, Michael Cangemi

and Eric Poortinga

Serial No.

: 10/658,039

Filing Date:

: September 9, 2003

For

: PHOTOMASK HAVING AN INTERNAL SUBSTANTIALLY

TRANSPARENT ETCH STOP LAYER

Examiner

: To Be Assigned

Docket No.

: 67493/63

Customer No.

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Date of Deposit: September 7, 1004

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Name: Gerri Renna

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22323-1450

Sir:

Pursuant to 37 C.F.R. §§§ 1.56, 1.97 and 1.98, applicants enclose herewith forms PTO/SB/08A and PTO/SB/08B containing references which may be deemed relevant to the above-identified application. Pursuant to the waiver of 37 C.F.R. 1.98(a)(2)(i) copies of only the non-patent literature are enclosed. The Examiner is respectfully requested fully to consider all of the enclosed items, and independently assess their teachings.

No fee is deemed necessary in connection with the filing of this Supplemental Information disclosure Statement. If any fee is required to preserve the pendency of the application, authorization is hereby given to charge the amount of any such fee to deposit Account No. 01-1785.

Respectfully submitted,

AMSTER, ROTHSTEIN & EBENSTEIN LLP Attorneys for Applicant 90 Park Avenue New York, NY 10016 (212) 336-8000

Dated: New York, New York

September 7, 2004

Charles R. Macedo

Registration No.: 32,781

PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known					
Application Number	10/658,039				
Filing Date	September 9, 2004				
First Named Inventor	Patrick M. Martin				
Art Unit	1756				
Examiner Name	TBA				
Attorney Docket Number	67493/63				

			U. S. PATENT	DOCUMENTS	
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ^{2 (d known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevan Figures Appear
		US- 5,439,763	08-08-95	Shimase et al.	3
		^{US-} 5,935,740	08-10-99	Pierrat	
		^{US-} 5,981,110	11-09-99	George et al.	
		^{US-} 6,120,942	09-19-00	Reinberg	
		^{US-} 6,174,771	01-16-01	Leu	
		^{US-} 6,190,836	02-20-01	Grenon et al.	
		^{US-} 6,221,542	04-24-01	Reinberg	
		^{US-} 6,261,963	07-17-01	Zhao et al.	
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		^{US-} 6,429,033	08-06-02	Gee et al.	
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		^{US-} 6,562,522	05-13-03	Yan	
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	l	^{US-} 6,699,625	03-02-04	Lee et al.	
		us- 6,703,252	03-09-04	Chen et al.	
		^{US-} 6,730,445	05-04-04	Angelopoulos et al.	
		^{US-} 2001/0035547	11-01-01	Isogai	
		^{US-} 2001/0051420	12-13-01	Besser et al.	
		^{US-} 2002/0111030	08-15-02	Batra et al.	

FOREIGN PATENT DOCUMENTS							
Examiner Cite Initials* No.1	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages		
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)	MM-DD-YYYY	- Applicant of Oxford Documents	Or Relevant Figures Appear	Т	
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Examiner	Date	
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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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INFORMATION DISCLOSURE
STATEMENT BY APPLICANT
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Complete if Known

Application Number 10/658,039

Filing Date September 9, 2004

First Named Inventor Patrick M. Martin

Art Unit 1756

Examiner Name TBA

Attorney Docket Number

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Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ^{2 (d known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		^{US-} 2002/0123217	09-05-02	Subramanian et al.	
		^{US-} 2002/0142585	10-03-02	Mandal	
		^{US-} 2002/0160520	10-31-02	Orloff et al.	
		^{US-} 2002/0173162	11-21-02	Liu et al.	
		^{US-} 2002/0192944	12-19-02	Sonderman et al.	
		^{US-} 2003/0118920	06-26-03	Johnstone et al.	
		^{US-} 2003/0211728	11-13-03	Mandal	
		^{US-} 2003/0228047	12-11-03	Chou et al.	
		^{US-} 2003/0228529	12-11-03	Dieu et al.	
		^{US-} 2004/0058139	03-25-04	Dubin et al.	
		^{.US-} 2004/0094760	05-20-04	Taylor et al.	
		^{US-} 2004/0126057	07-01-04	Yoo	
		^{US-} 2004/0137335	07-15-04	Cummings	
		US-			

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	Γ	
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Substitute for form 1449/PTO				Complete if Known		
- Goodandie to Form 14450 FO				Application Number	10/658,039	
	ORMATION			Filing Date	September 9, 2004	
STATEMENT BY APPLICANT			PPLICANT	First Named Inventor	Patrick M. Martin	
(Use as many sheets as necessary)				Art Unit	1756	
(Use as many sneeds as necessary)				Examiner Name	ТВА	
Sheet	3	of	3	Attorney Docket Number	67493/63	

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		MATTHEW LASSITER, et al., "157nm Binary and Embedded Attenuated PSM Films", 157 nm Symposium, Yokohama (2003)	
		MATTHEW LASSITER, et al., "Improved Phase Uniformity Control Using a New AAPSM Etch Stop Layer Technique", SPIE Vol. 5256, 23rd Annual BACUS Symposium on Photomask Technology (2003)	
		MICHAEL CANGEMI, et al., "Implementation of a Transparent Etch Stop Layer for an Improved Alternating PSM", VDE Vol. 43, 20th European Conference on Mask Technology for Integrated Circuits and Microcomponents 2004 (2004)	

Examiner	Date	
Signature	Considered	

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¹ Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:

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